

EPO Changes/Updates for August, 2004

Note: Windows XP and Windows 2003 Server include the ability to open ZIP files and copy the files from a ZIP file to a folder. These instructions are made for Windows XP and Windows 2003 Server because of the recommendations in the EPO Installation Document.

Installing EPO Patch 6 and EPO Agent Patch 7

Updating the ePO Server to Patch 6

1. If not already logged in, login to the EPO/SUS Server as an Administrator (**Note: this update of EPO must be at the server console and not through a Remote Desktop or Terminal Services connection**)
2. On the EPO/SUS Server, create a directory on the "C:\\" drive named "EPO"
3. Under the C:\EPO folder, create another folder named "EPO-Patch6"
4. Download the ePolicy Orchestrator Patch 6 update from the KETS FTP Site at ftp://ketsftp.k12.ky.us/EPO/epo_patches/EPO3026.zip and save it to "C:\EPO\EPO-Patch6" folder
5. Click on "Start" and then click on "Run"
6. In the Open box, type in "C:\EPO\EPO-Patch6\" and then click "OK" (C:\ being the drive letter of the server's system drive)
7. Double click on "EPO3026.zip"
8. Copy all of the files in that folder to the "C:\EPO\EPO-Patch6\" folder
9. In "C:\EPO\EPO-Patch6" folder, double-click "setup.exe"
10. At the "ePolicy Orchestrator 3.0.2 PATCH 6 Setup" screen, click "Next"
11. Under the "License Expiry Type", choose "Perpetual"
12. In the same window, click on the "I Accept the terms in the license agreement"
13. Click "OK"
14. At the "Ready to Install" screen, click the "Install" button
15. An "Executing Setup" screen will pop up and show the progress of the installation
16. Once it finishes, the "Installation Complete" screen will show
17. Click "Finish"
18. At the "ePolicy Orchestrator 3.0.2 PATCH 6 Setup" screen, click "Yes" to reboot the server and complete the installation.
19. If it does not prompt you to reboot, please reboot the EPO Server to make sure the updates take place.

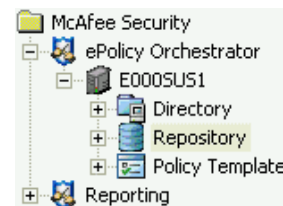
Updating the ePO Remote Management Consoles to Patch 6

1. If not already logged in, login to the workstation with the EPO Remote Management Console installed as an Administrator
2. Under the "C:\\" drive, create a folder named "EPO"
3. Under the C:\EPO folder, create another folder named "EPO-Patch6"

4. Download the ePolicy Orchestrator Patch 6 update from the KETS FTP Site at ftp://ketsftp.k12.ky.us/EPO/epo_patches/EPO3026.zip and save it to "C:\EPO\EPO-Patch6" folder
5. Click on "Start" and then click on "Run"
6. In the Open box, type in "C:\EPO\EPO-Patch6\" and then click "OK" (C:\ being the drive letter of the server's system drive)
7. Double click on "EPO3026.zip"
8. Copy all of the files in that folder to the "C:\EPO\EPO-Patch6\" folder
9. In "C:\EPO\EPO-Patch6" folder, double-click "setup.exe"
10. At the "ePolicy Orchestrator 3.0.2 Patch 4 Setup" screen, click "Next"
11. Under the "License Expiry Type", choose "Perpetual"
12. In the same window, click on the "I Accept the terms in the license agreement"
13. Click "OK"
14. At the "Ready to Install" screen, click the "Install" button
15. An "Executing Setup" screen will pop up and show the progress of the installation
16. Once it finishes, the "Installation Complete" screen will show
17. Click "Finish"

Updating the ePO Server to Agent Patch 7

1. If not already logged in, login to the workstation with the EPO Remote Management Console installed as an Administrator
2. Under the C:\EPO folder, create a folder named "Agent-Patch7"
3. Download the ePolicy Orchestrator Patch 6 update from the KETS FTP Site at ftp://ketsftp.k12.ky.us/EPO/epo_patches/CMA3127.zip and save it to "C:\EPO\Agent-Patch7"
4. Click on "Start" and then click on "Run"
5. In the Open box, type in "C:\EPO\Agent-Patch7\" and then click "OK" (C:\ being the drive letter of the server's system drive)
6. Double click on "CMA3127.zip"
7. Copy all of the files in that folder to the "C:\EPO\Agent-Patch7\" folder
8. Open the EPO Remote Management Console and login to the EPO/SUS Server
9. In the directory on the left side of the window, click on "Repository"
10. In the "Repository" window on the right, click on "Check in a Package"
11. This will start the "Check in Package Wizard", click "Next"
12. On the next window, click on "Products or Updates", click "Next"
13. Then it will ask for the location of the "NAI Package Description File", click on "Browse"
14. Go to "C:\EPO\Agent-Patch7"
15. Click on the file named "PkgCatalog.z" or "PkgCatalog", and then click "Open"
16. Click "Next"



17. It will then verify the package you specified
18. Once it finishes verifying, click “Finish”
19. It will start adding the EPO Agent Update package to the server
20. Once it finishes adding the package (it will say “Package checked in successfully.”, click “Close”
21. Then you will have to recreate the Agent Installation Package (see directions below, this is directly from the EPO Installation Document)

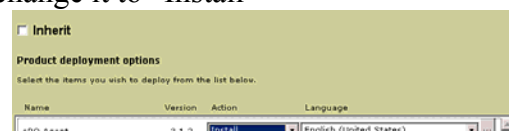
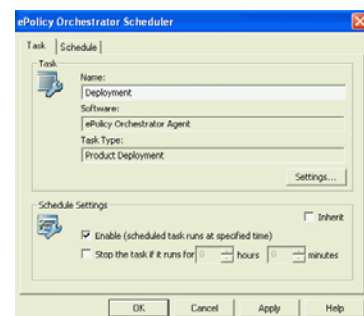
Creating Agent Installation Package

1. Click on the server name on the left hand side of the window
2. Under the “General” tab, click on “Agent Installation Package Creation Wizard” At the “Agent Installation Package Creation Wizard” window, click “Next”
3. It will ask for “User Credentials”, enter “<DISTRICT DOMAIN>_EPOAdmin”
4. Then enter and confirm the password for _EPOAdmin (remember this is the password for the _EPOAdmin account you created in Active Directory Users and Computers)
5. Click “Next”
6. Then it should ask you for an “Installation Directory”, click “Browse”
7. Go to [\\<EPO/SUS-Server\EPO-Agent\](#) and click “OK” (for example, if your EPO Server was named “E000SUS1”, you would enter “[\\E000SUS1\EPO-Agent\](#)”
8. Click “Next”
9. At the “Create Package” window, click “Next”
10. Click “Finish”
22. Copy the “C:\EPO\Agent-Patch7” folder from the workstation to [\\<EPO-Server-Name>\c\\$\EPO\](#) directory
23. Reboot the EPO Server



Updating the EPO Workstation Agents to Agent Patch 7

1. Click on “Directory”
2. Click on the “Tasks” tab
3. Double-click on “Deployment” in the “Task” list
4. At the “ePolicy Orchestrator Scheduler” screen, click on the “Task” tab
5. Click “Settings”
6. Uncheck “Inherit”
7. Next to “ePO Agent”, click “Ignore” and change it to “Install”
8. Make sure the Language it set for “English”
9. Click “OK”



10. Then click “OK” again (the rest of the options should already be set correctly).
11. Repeat steps 3 through 10 for the “Win9x” group (under the “Workstations” group)

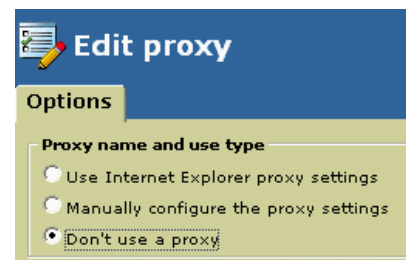
Downloading and copying the new EPO2KXP.bat and ChkePOAgent.vbs files

Note: On some machines that have VirusScan Enterprise 7.1 installed, the EPO Agent would not install automatically. The updated EPO2KXP.bat and the ChkePOAgent.vbs file check to see if the EPO Agent is installed and if not, starts the installation process.

1. If not already logged in, login to the workstation with the EPO Remote Management Console installed as an Administrator
2. Under the C:\EPO folder, create a folder named “EPO2KXP-Update”
3. Download the EPO2KXP-Update.zip file from the KETS FTP Site at ftp://ketsftp.k12.ky.us/EPO/epo_patches/EPO2KXP-Update.zip and save it to “C:\EPO\EPO2KXP-Update”
4. Click on “Start” and then click on “Run”
5. In the Open box, type in “C:\EPO\EPO2KXP-Update\” and then click “OK” (C:\ being the drive letter of the server’s system drive)
6. Double click on “EPO2KXP-Update.zip”
7. Copy all of the files in that folder to “\\<EPO Server Name>\EPO-Agent\” share
8. In the “\\<EPO Server Name>\EPO-Agent\” share, right-click “EPO2KXP.BAT” and select “Edit”
9. Search for any instances of “E000SUS1” and replace it with the name of your EPO/SUS server (there should only be 2 instances)
10. Save the changes and close any open windows
11. You should now have the following files in your EPO-Agent share:
 - a. 451SP1UPD (a folder with the files to load SP1 for VirusScan 4.51)
 - b. EPO2KXP.BAT (this is the script that loads the agent on Windows 2000 and Windows XP workstations)
 - c. ChkePOAgent.vbs (this is a script that verifies if the ePO Agent is already loaded on Windows 2000 and Windows XP workstations)
 - d. DCOM95.exe
 - e. DCOM95lg.epo
 - f. DCOM98.exe
 - g. DCOM98lg.epo

Configuring Proxy Settings for Pulling DAT Updates from NAI

1. Open the ePO Remote Console on your workstation and login to your server
2. In the directory on the left side of the window, click on “Repository”
3. In the “Repository” window on the right, click on “Configure proxy settings” (it is at the bottom

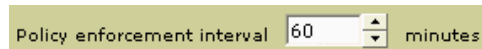
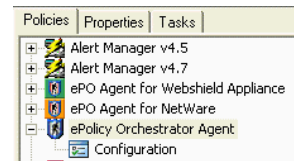


- of the list)
4. At the “Edit proxy” screen, click on “Don’t use a proxy”
5. Click “OK” to save settings and close the window

Updated VirusScan Policy Settings for EPO

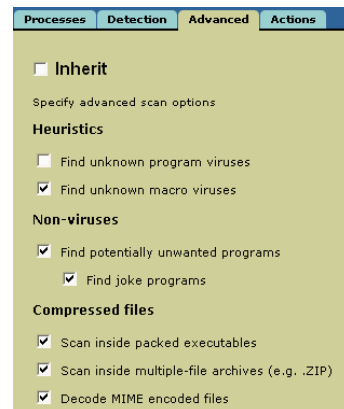
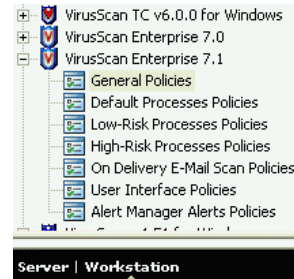
EPOlciyOrchestrator Agent settings

1. Open the EPO Remote Management Console and login to the EPO Server
2. In the left section, click on “Directory” and then make sure in the right window that the “Policies” tab is selected
3. In the “Policies” list, double-click on “ePolicy Orchestrator Agent”
4. Click on “Configuration” under “ePolicy Orchestrator Agent”
5. Under the “General” tab, change “Policy enforcement interval” from “5 minutes” to “60 minutes”

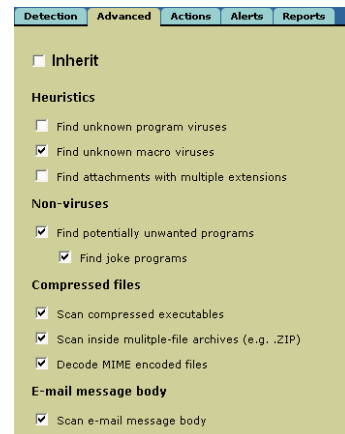


VirusScan Enterprise v7.1 Workstation settings

1. Open the EPO Remote Management Console and login to the EPO Server
2. In the left section, click on “Directory” and then make sure in the right window that the “Policies” tab is selected
3. In the “Policies” list, double-click on “VirusScan Enterprise 7.1”
4. Click on “Default Processes Policies” under “VirusScan Enterprise 7.1”
5. You should see a small arrow pointing to “Workstation”, this means you will be editing the Workstation settings for VirusScan v7.1
6. Under the “Advanced” tab, do the following:
 - a. Find unknown program viruses: Unchecked
 - b. Find unknown Macro viruses: Checked
 - c. Find potentially unwanted programs: Checked
 - d. Find joke programs: Checked
 - e. Scan inside packed executables: Checked
 - f. Scan inside multiple-file archives (e.g. .ZIP): Checked
 - g. Decode MIME encoded files: Checked
 - h. Scroll up and click “Apply”
7. Click on “On Delivery E-Mail Scan Policies” under “VirusScan Enterprise 7.1”



8. Under the “Advanced” tab, do the following:
 - i. Find unknown program viruses: Unchecked
 - j. Find unknown Macro viruses: Checked
 - k. Find attachments with multiple extensions: Unchecked
 - l. Find potentially unwanted programs: Checked
 - m. Find joke programs: Checked
 - n. Scan inside packed executables: Checked
 - o. Scan inside multiple-file archives (e.g. .ZIP): Checked
 - p. Decode MIME encoded files: Checked
 - q. Scan e-mail message body: Checked
 - r. Scroll up and click “Apply”

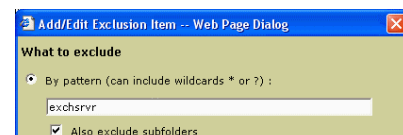
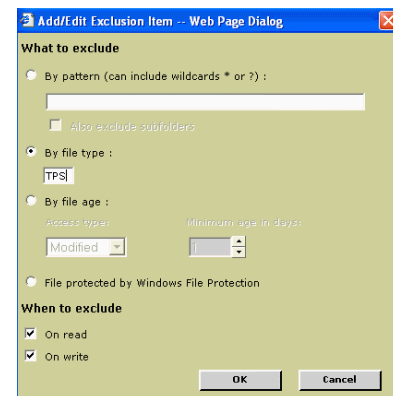


VirusScan Enterprise 7.1 Server Settings

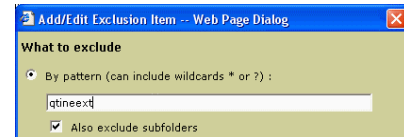
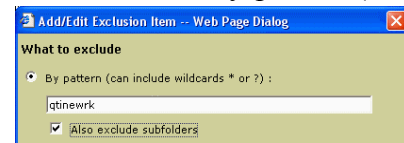
1. In the left section, click on “Directory”, then make sure in the right window that the “Policies” tab is selected
2. In the “Policies” list, double-click on “VirusScan Enterprise 7.1”
3. Under “VirusScan Enterprise 7.1” list, click on “Default Processes Policies”
4. At the top left of the “Default Processes Policies” window, click on “Server | Workstation”

5. Click on the “Detection” tab
6. Under the “Detection” tab, do the following:

- i. Click on the “Exclusions” button
- ii. In the “Set Exclusions” window, click “Add”
- iii. In the “Add/Edit Exclusion Item” window, click “By File Type”
- iv. In the field enter “TPS”
- v. In the “When to Exclude” section, make sure “On Read and On Write” are checked
- vi. Click “OK”
- vii. In the “Set Exclusions” window, click “Add”
- viii. In the “Add/Edit Exclusion Item” window, click “By pattern (can include wildcards * or ?) :”
- ix. In the field enter “exchsrvr”
- x. Check “Also exclude subfolders”
- xi. In the “When to Exclude” section, make sure “On Read and On Write” are checked
- xii. Click “OK”
- xiii. In the “Set Exclusions” window, click “Add”



- xiv. In the “Add/Edit Exclusion Item” window, click “By pattern (can include wildcards * or ?) :”
- xv. In the field enter “**qtinewrk**”
- xvi. Check “Also exclude subfolders”
- xvii. In the “When to Exclude” section, make sure “On Read and On Write” are checked
- xviii. Click “OK”
- xix. In the “Set Exclusions” window, click “Add”
- xx. In the “Add/Edit Exclusion Item” window, click “By pattern (can include wildcards * or ?) :”
- xxi. In the field enter “**qtineext**”
- xxii. Check “Also exclude subfolders”
- xxiii. In the “When to Exclude” section, make sure “On Read and On Write” are checked
- xxiv. Click “OK”



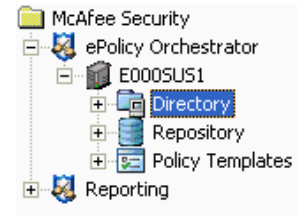
- 7. Scroll up and click “Apply”
- 8. Click on the “Advanced” tab
- 9. Under the “Advanced” tab, do the following:
 - a. Find unknown program viruses: Unchecked
 - b. Find unknown Macro viruses: Checked
 - c. Find potentially unwanted programs: Unchecked
 - d. Find joke programs: Unchecked
 - e. Scan inside packed executables: Checked
 - f. Scan inside multiple-file archives (e.g. .ZIP): Checked
 - g. Decode MIME encoded files: Checked

Maintenance Tasks

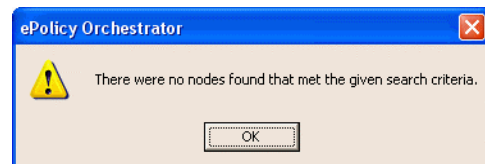
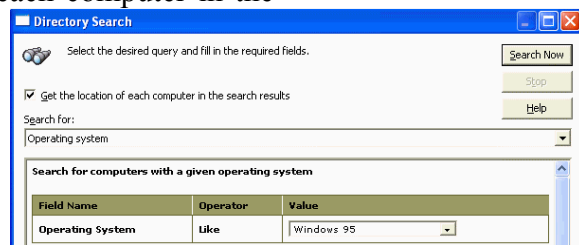
Searching and Moving Windows 9x machines to the Win9x Group

Note: This task moves computers from the Workstations group to the Win9x group so that VirusScan 4.5.1 can be installed on them. It is recommended that you run this regularly (once a week) to make sure that Windows 9x machines have the right policies.

1. Log into the EPO Server using the Remote Management Console
2. In the EPO Remote Management Console, right click on “Directory” and then click “Search...”
3. At the “Directory Search” screen, do the following:

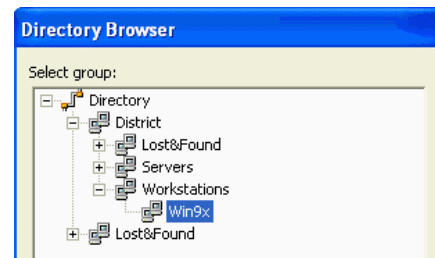
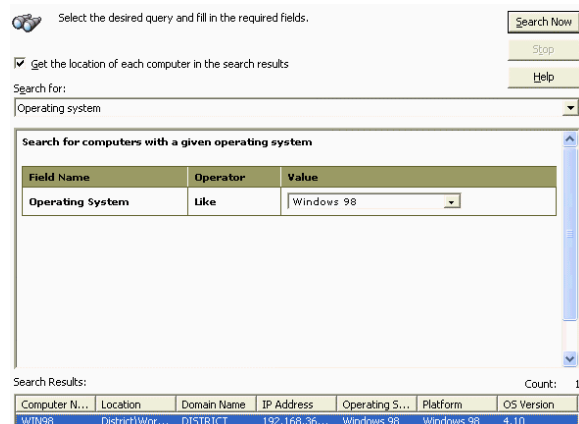


- a. Check “Get the location of each computer in the search results”
- b. Under “Search for:”, click the drop down menu, scroll down, and click on “Operating System”
- c. Once you click on “Operating System”, look at the three fields below “Field Name”, “Operator”, and “Value”
- d. Under “Value”, click the drop down menu and select “Windows 95”
- e. Click “Search Now”
- f. If you get the error message, “There were no nodes found that met the given search criteria.”, then just click “OK” and you can go



ahead and perform another search.

- g. If you get results, then click on the first record under “Search Results”
- h. Hold down the “Shift” key, then scroll down to the bottom of the list and click on the last record under “Search Results” (this should select all of the records in the list)
- i. Right click the selected records and click on “Move To...”
- j. The “Directory Browser” screen will pop up, double click on “Directory”, double click on the Directory Site, double click on “Workstations”, and click on “Win9x”



- k. Click “OK” (then it is complete)
4. Repeat Step 3 and choose “Windows 98” instead of “Windows 95”
5. You can check to see if it worked by closing the “Directory Search” screen and going to the “Win9x” group and seeing if anything has been added
6. You can also check by doing the searches above (in Step 3) and instead of moving the computers, check the “Location” field at the bottom. All of them should have “<Directory Site>\Workstations\Win9x” in this field.
7. If they are all in the “Win9x” group, then it should be working.

Location
District\Workstations\Win9x\WIN98

Sorting Computers by IP Address

Note: This task sorts computers and moves them into the Server or Workstation group based on their IP address. This should automatically be done when the EPO Agent installs. However, if you run this task once a month, it will make sure that there are no computers kept in the “Lost & Found” directories.

1. Right click on “Directory” and choose “All Tasks”
2. Select “Sort Computers by IP...” from the list
3. At the “IP Sorting Wizard” screen, click “Next”
4. At the “IP Sorting Options” screen, do the following (these are the defaults):
 - a. Select “Leave them where they were found”
 - b. Check “Ignore machines with no IP address”
5. Click “Next” (it will start sorting, it may take a little time depending upon the number of computers in the Directory)
6. Once it is finished sorting, click “Next”
7. Click “Finish”

